**Strand 5: Organic Chemistry**

Lesson 2 of Week 4, Term 2: **Alcohols, Ketones and Aldehydes**

Resource: Esa study Guide, Level 2 Chemistry, Chapter 14, online as well

The learning outcomes targeted in this activity are provided in the table below,

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| **SLO Code** | **SPECIFIC LEARNING OUTCOMES (SLO):**  | **SKILL LEVEL** |



Activity

1. Deduce/gather the product formed from the oxidation of primary alcohols
2. Write the general formula for Aldehydes
3. Use the general formula to determine the molecular formula and structural formula of C1 – C5 aldehydes and name them using IUPAC nomenclature rules.

|  |  |  |  |
| --- | --- | --- | --- |
| **Carbon Number** | **Structural formula** | **Molecular Formula Structure** | **Name** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |